

**JOINT**  
**PUBLIC NOTICE**

**CHARLESTON DISTRICT, CORPS OF ENGINEERS**  
**69A Hagood Avenue**  
**Charleston, South Carolina 29403-5107**  
**and the**  
**S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**  
**OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT**  
**1362 McMillan Avenue, Suite 400**  
**Charleston, South Carolina 29405**

REGULATORY DIVISION

Refer to: P/N #SAC-2006-1019-1IW

5 MAY 2006

Pursuant to Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), and the South Carolina Coastal Zone Management Act (48-39-10 et seq.) an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

**TOLL BROTHERS, INC.**  
**c/o SLIGH ENVIRONMENTAL CONSULTANTS, INC.**  
**31 PARK OF COMMERCE WAY, SUITE 200B**  
**SAVANNAH, GEORGIA 31405**

for a permit to place fill material in wetlands adjacent to waters of the

NEW RIVER

at locations on an 855.53 acre tract on Highway 141 in the Town of Hardeeville, Jasper County, South Carolina (Latitude 32.33186°, Longitude 80.98558°)

In order to give all interested parties an opportunity to express their views

**NOTICE**

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

**12 O'CLOCK NOON, MONDAY, 5 JUNE 2006**

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of placing fill material in 9.59 acres of wetlands (8.12 acres of jurisdictional and 1.47 acres of non-jurisdictional, isolated wetlands), performing hand clearing in 0.21 acres of jurisdictional wetlands and performing excavation in 0.10 acres of wetlands for a total of 9.90 acres of wetland impacts on an 855.53 acre tract. The purpose of the project is to construct roads, lots, infrastructure and amenities associated with a master planned golf course community to be conducted in phases. Please note: A nationwide permit authorization for a road crossing with 0.09 acres of impact, SAC 14-2006-0093-1, has already been issued on this site.

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5 MAY 2006

**NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the**

**U.S. Army Corps of Engineers  
ATTN: REGULATORY DIVISION  
69A Hagood Avenue  
Charleston, South Carolina 29403-5107**

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions the Coastal Zone Management Program (15 CFR 930). The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 9.90 acres of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-groupers management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended), the District Engineer has consulted the most recently available information and has determined that the project is not likely to adversely affect any Federally endangered, threatened, or proposed species or result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with the NHPA, the District Engineer has also consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite

REGULATORY DIVISION

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5 MAY 2006

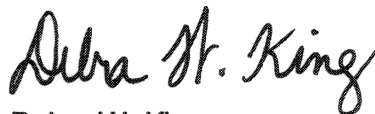
is not included as a registered property or property listed as being eligible for inclusion in the Register. To insure that other cultural resources that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office to provide any information it may have with regard to historic and cultural resources.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

If there are any questions concerning this public notice, please contact me at 843-329-8044 or toll free at 1-866-329-8187.



Debra W. King  
Project Manager  
Regulatory Division  
U.S. Army Corps of Engineers



## **VICINITY MAP**

**NOT TO SCALE**

**DATE: MARCH 27, 2006**

**SHEET: 1A OF 22**  
**SCALE: 1"=2000'**

**SOURCE: THOMAS & HUTTON ENGINEERING CO.**

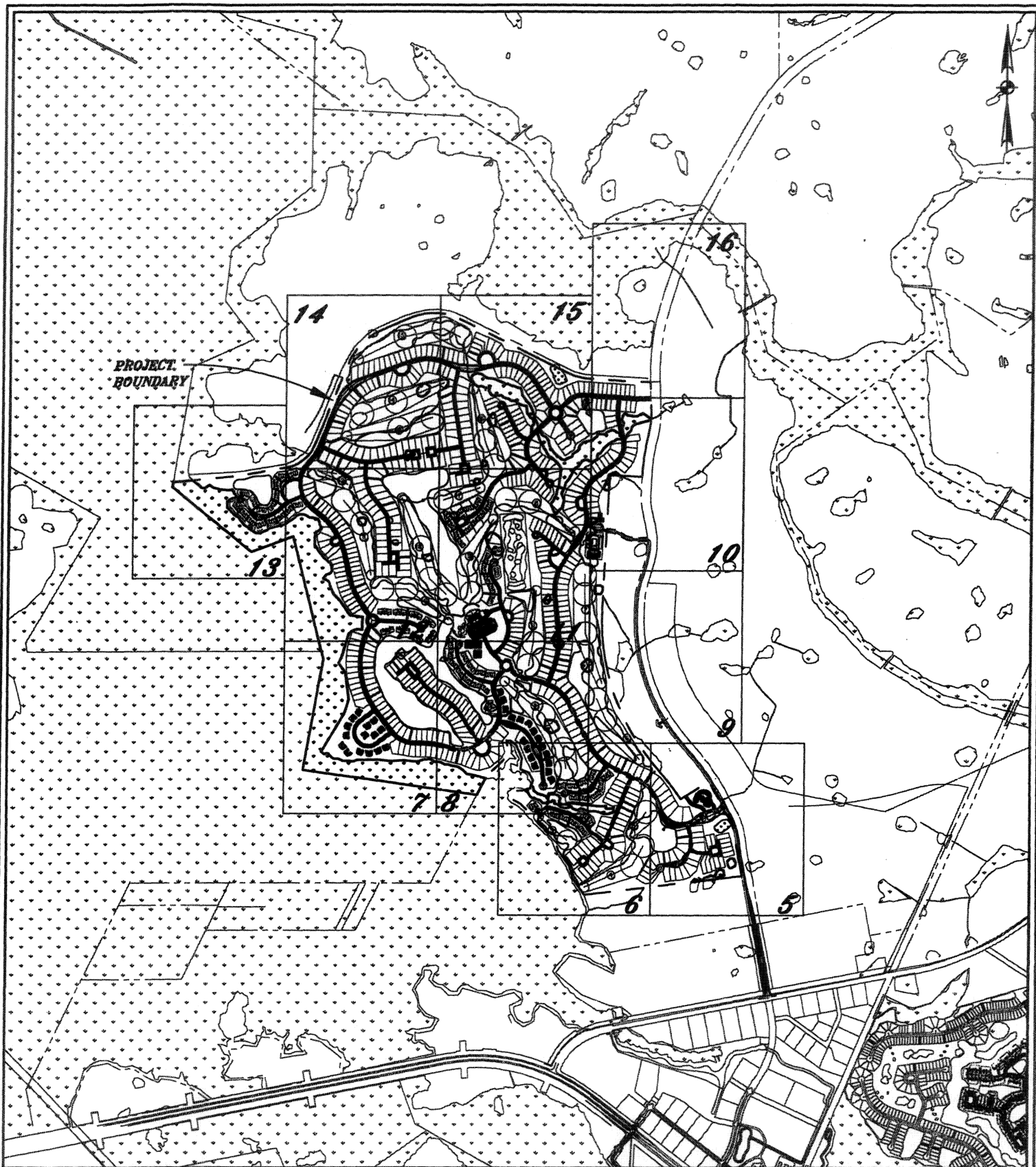
**DATUM: MEAN SEA  
 LEVEL**

**PROPOSED ACTIVITY:  
 WETLAND MODIFICATION FOR  
 PROPOSED DEVELOPMENT**

**COUNTY: JASPER COUNTY, S.C.**

**PK 2006-1019-1 IW**

**APPLICANT: TOLL BROTHERS, INC.**



**HAMPTON POINTE  
WETLANDS MASTER PLAN**

**DATE: MARCH 27, 2006**

**SHEET: 18 OF 22  
SCALE: 1"=2000'**

**SOURCE: THOMAS & HUTTON ENGINEERING CO.**

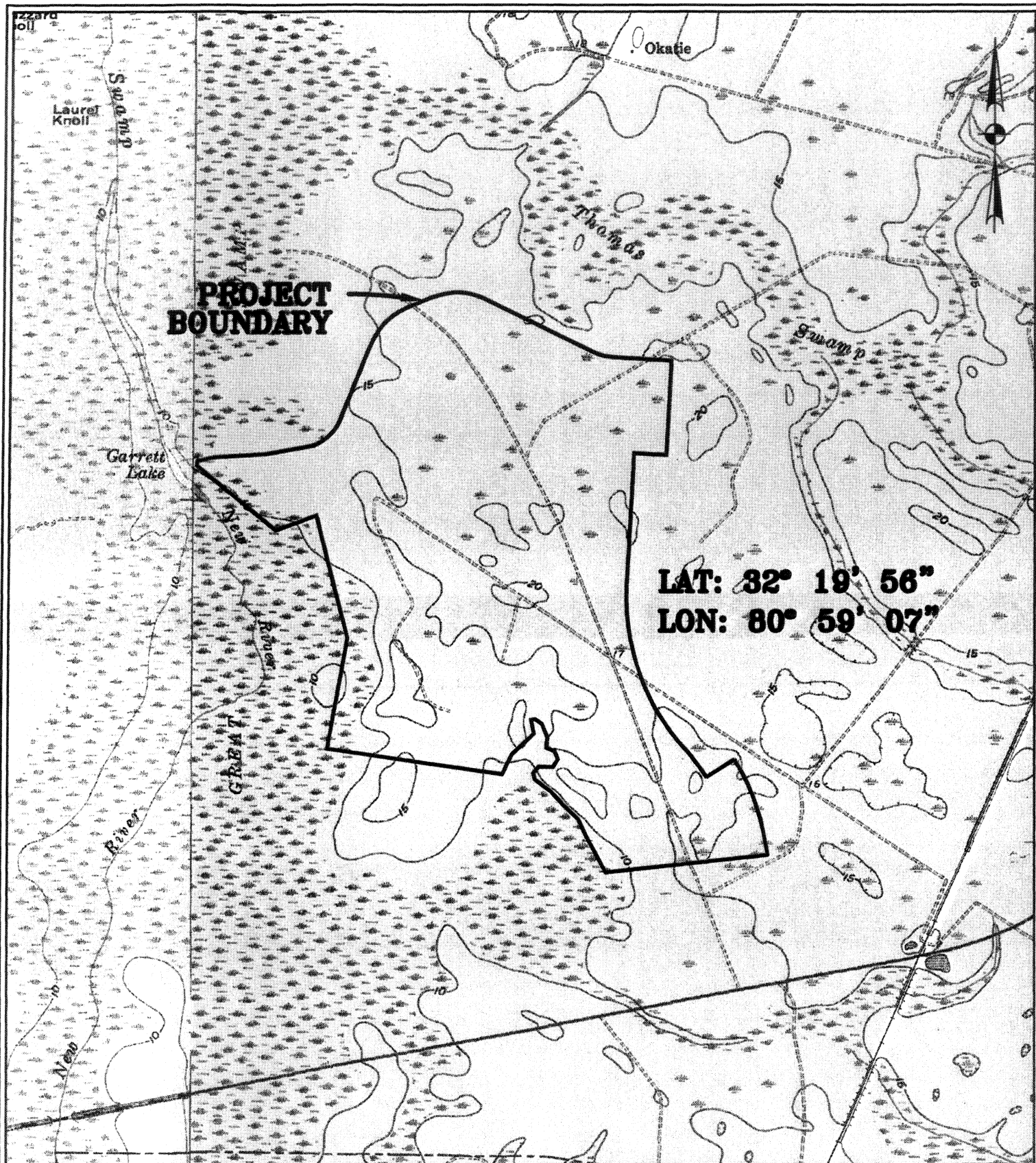
**DATUM: MEAN SEA  
LEVEL**

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WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT**

**COUNTY: JASPER COUNTY, S.C.**

*PK* 2006-1019-1IW

**APPLICANT: TOLL BROTHERS, INC.**



HAMPTON POINTE  
USGS QUADRANGLE- JASPER, HARDEEVILLE

DATE: MARCH 27, 2006

SHEET: 2 OF 22  
SCALE: 1"=2000'

SOURCE: THOMAS & HUTTON ENGINEERING CO.

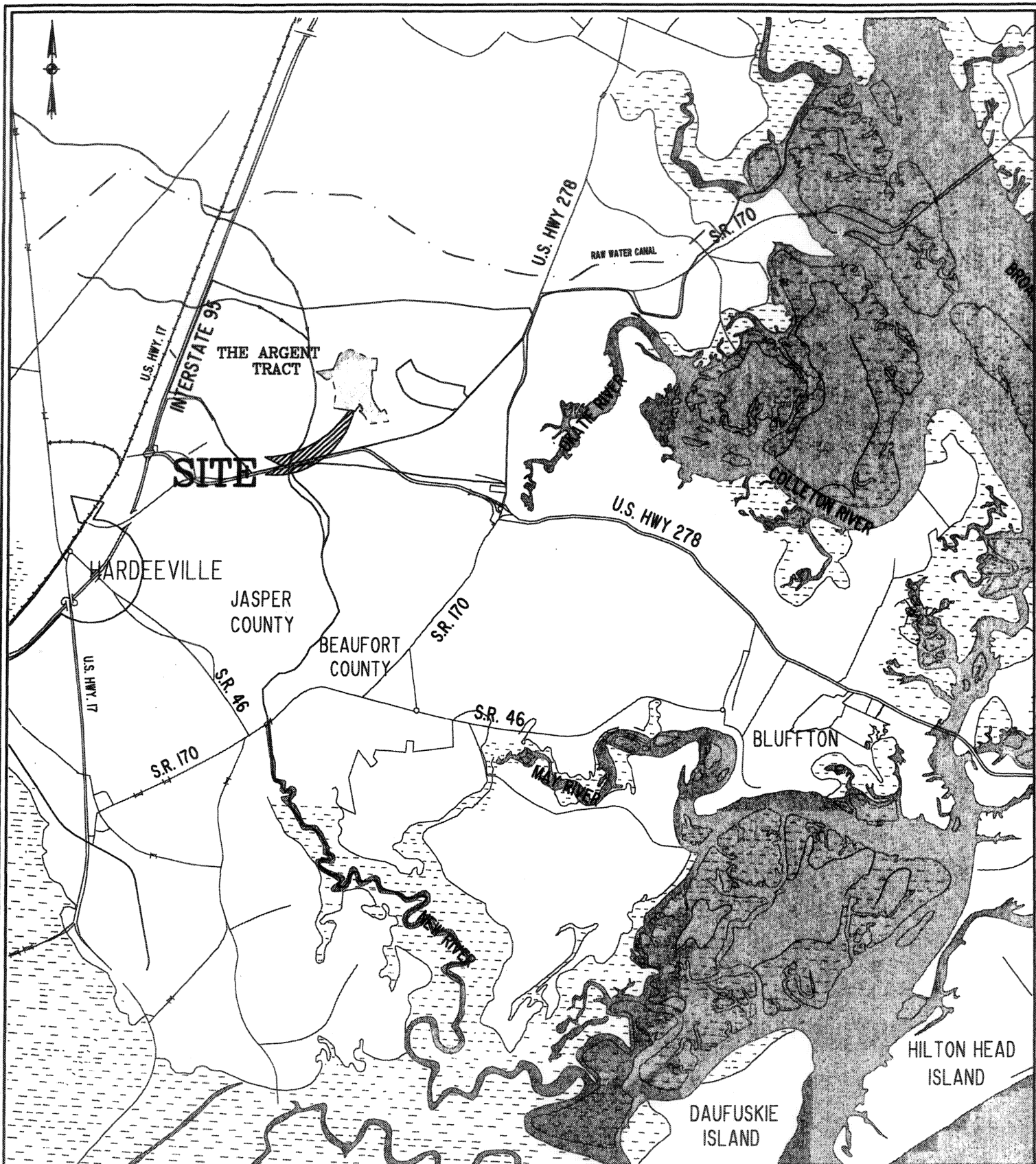
DATUM: MEAN SEA  
LEVEL

PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT

COUNTY: JASPER COUNTY, S.C.

P/N 2006-1019-1IW

APPLICANT: TOLL BROTHERS, INC.



**HAMPTON POINT  
WETLANDS MASTER PLAN (LOCATION MAP)**

**DATE: MARCH 27, 2006**

**SHEET: 3 OF 22**

**SCALE: NOT TO SCALE**

**SOURCE: THOMAS & HUTTON ENGINEERING CO.**

**PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT**

**COUNTY: JASPER COUNTY, S.C.**

**P/N 2006-1019-1IW**

**APPLICANT: TOLL BROTHERS, INC.**

## ACREAGE SUMMARY

## LEGEND

### TOTAL TRACT ACREAGE

855.53 AC

TOTAL NON-JURISDICTIONAL WETLAND ACREAGE

3.24 AC

TOTAL JURISDICTIONAL WETLAND ACREAGE

92.73 AC

TOTAL DITCH ACREAGE

1.65 AC


### WETLAND IMPACTS

#### NON-JURISDICTIONAL WETLANDS TO BE FILLED


 WETLANDS TO BE FILLED 1.47 AC


TOTAL NON-JURISDICTIONAL  
WETLAND IMPACTS 1.47 AC

#### JURISDICTIONAL WETLANDS TO BE IMPACTED

 WETLAND ROAD CROSSING 0.24 AC  
20 PERCENT ROAD CROSSING CONTINGENCY 0.05 AC

TOTAL ROAD CROSSING  
+ 20% CONTINGENCY 0.29 AC

 WETLANDS TO BE IMPACTED 6.23 AC  
FOR VARIOUS LAND DEVELOPMENT  
ACTIVITIES

 WETLANDS TO BE HAND 0.21 AC -  
CLEARED

 STORM WATER MANAGEMENT 0.10 AC -

 DITCH IMPACTS 1.60 AC

 DITCHES PREVIOUSLY 0.09 AC -  
PERMITTED # SAC 14-2006-0093-1

 GOLF CART BRIDGE (15' WIDE) 162 LF  
(LINEAR FOOTAGE CART BRIDGE IN WETLAND)

TOTAL JURISDICTIONAL  
WETLAND IMPACTS 8.52 AC

### WETLAND MITIGATION

 FRESHWATER WETLAND 73.97 AC  
PRESERVATION &  
ENHANCEMENT BY BUFFERING

 FRESHWATER WETLAND 13.74 AC  
ENHANCEMENT BY HYDROLOGY

 UPLAND WETLAND BUFFER 20.41 AC

 TOTAL MITIGATION ACRES 109.43 AC

TOTAL WETLAND BUFFER ACRES 20.41 AC

TOTAL AVERAGE WIDTH 38.34 LF

HAMPTON POINTE  
WETLANDS MASTER PLAN

DATE: MARCH 27, 2006

SHEET: 4 OF 22

SCALE: NOT TO SCALE

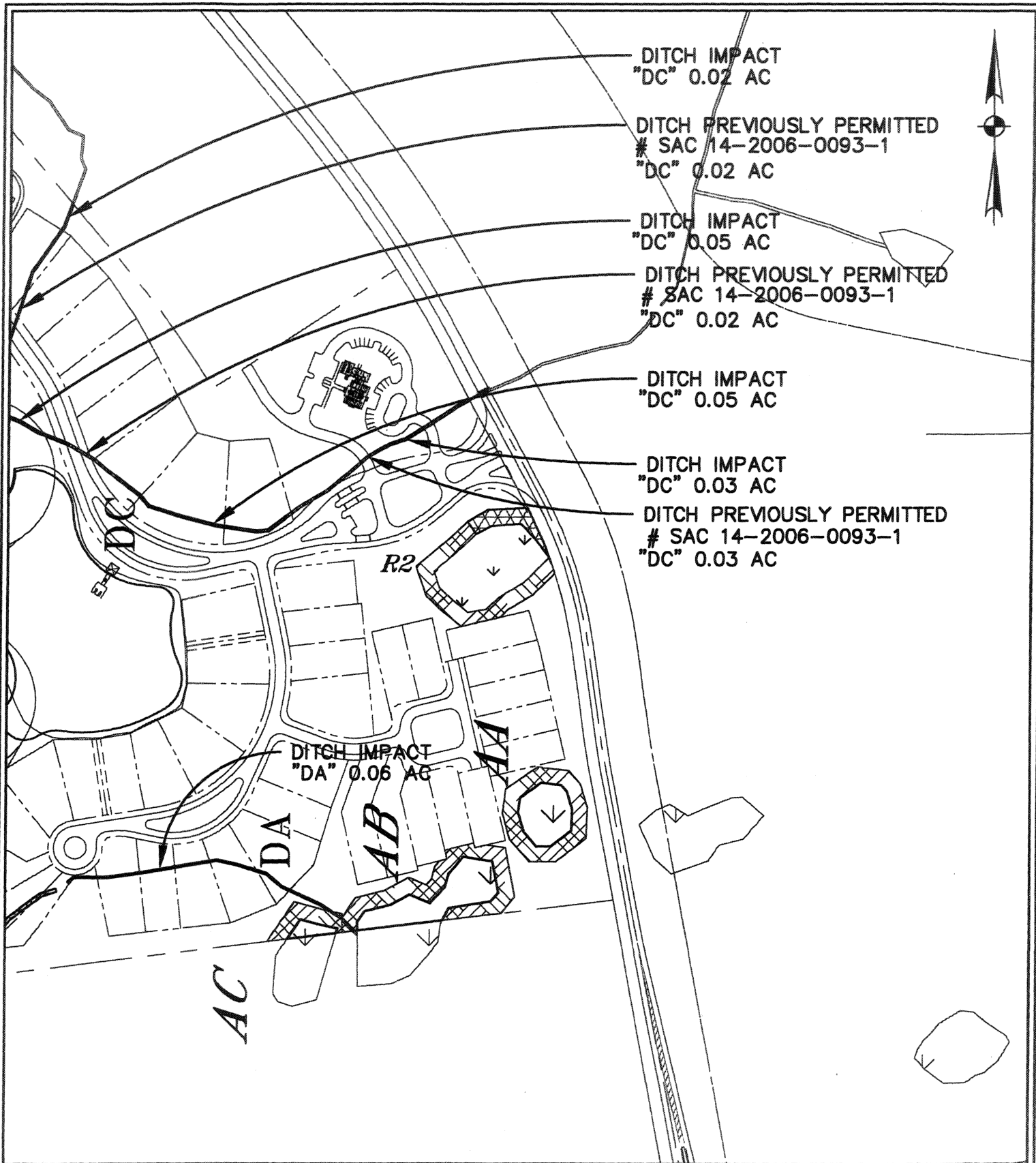
SOURCE: THOMAS & HUTTON ENGINEERING CO.

PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT

COUNTY: JASPER COUNTY, S.C.

P/N 2006-1019-1IW

APPLICANT: TOLL BROTHERS, INC.



HAMPTON POINTE  
WETLANDS MASTER PLAN

DATE: MARCH 27, 2006

SHEET: 5 OF 22  
SCALE: 1"=300'

SOURCE: THOMAS & HUTTON ENGINEERING CO.

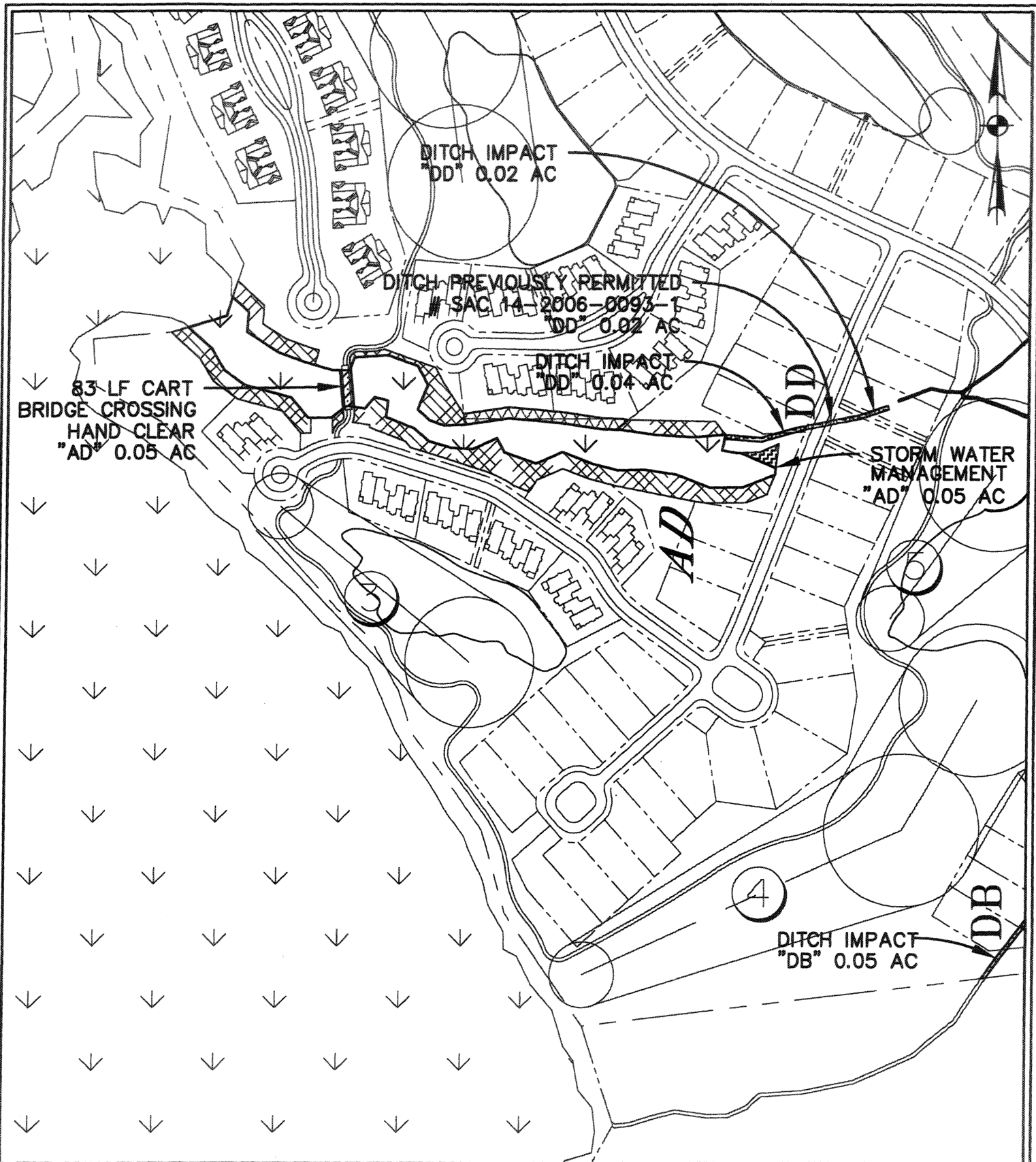
DATUM: MEAN SEA  
LEVEL

PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT

COUNTY: JASPER COUNTY, S.C.

P/N 2006-1019-1 I W

APPLICANT: TOLL BROTHERS, INC.



**HAMPTON POINTE  
WETLANDS MASTER PLAN**

**DATE: MARCH 27, 2006**

**SHEET: 6 OF 22  
SCALE: 1"=300'**

**SOURCE: THOMAS & HUTTON ENGINEERING CO.**

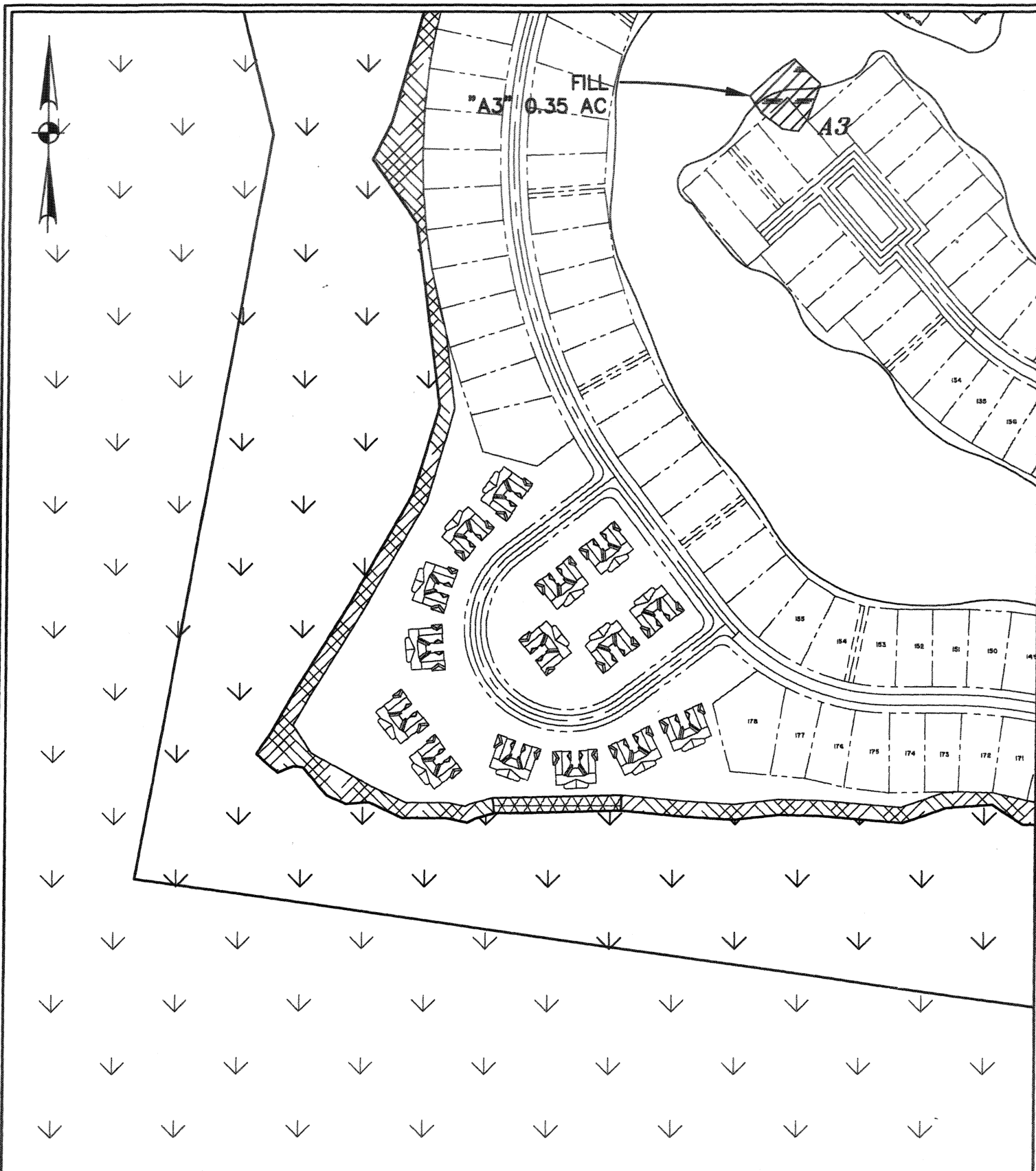
**DATUM: MEAN SEA  
LEVEL**

**PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT**

**COUNTY: JASPER COUNTY, S.C.**

**P/N 2006-1019-1IW**

**APPLICANT: TOLL BROTHERS, INC.**



**HAMPTON POINTE  
WETLANDS MASTER PLAN**

**DATE: MARCH 27, 2006**

**SHEET: 7 OF 22  
SCALE: 1"=300'**

**SOURCE: THOMAS & HUTTON ENGINEERING CO.**

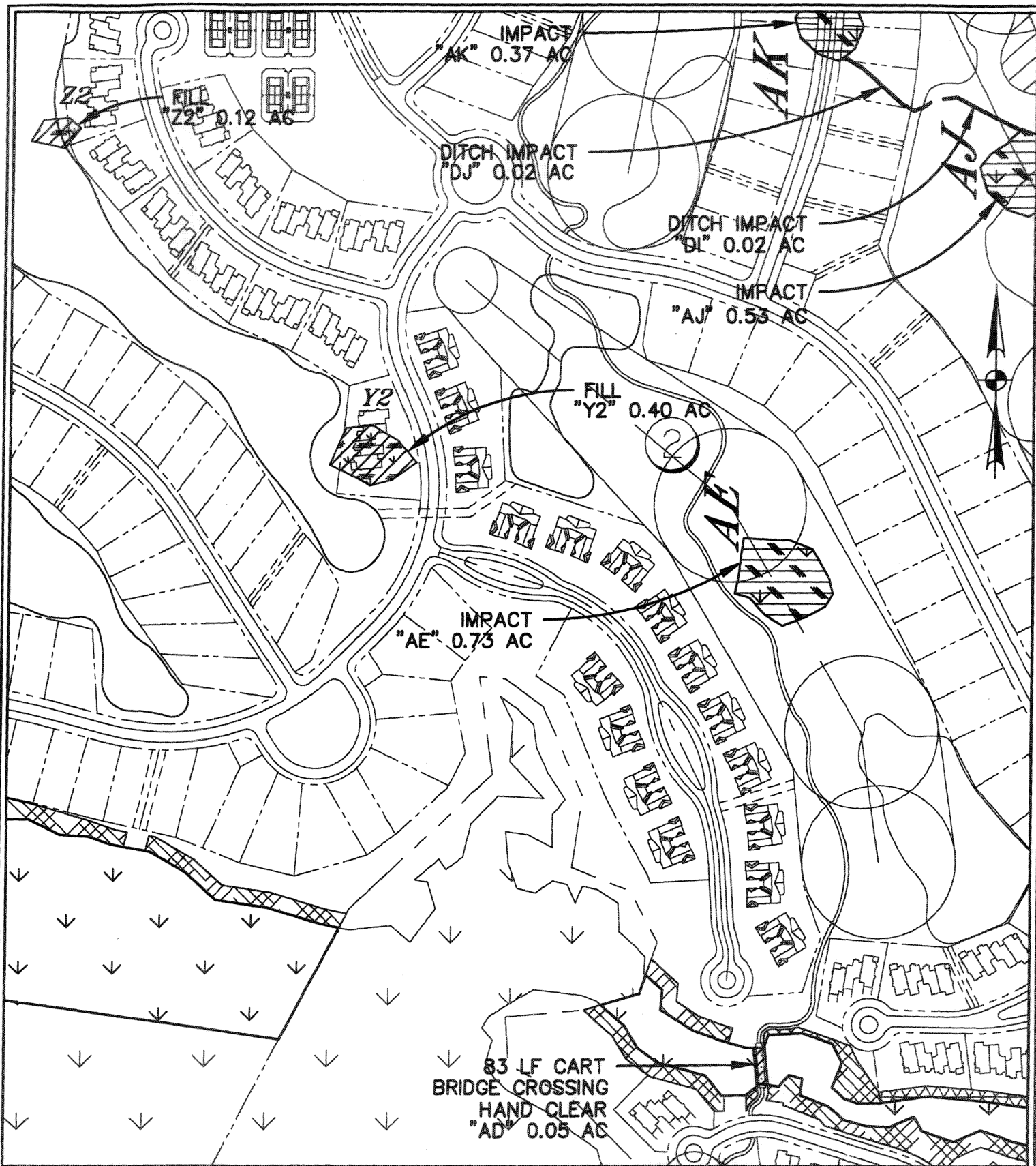
**DATUM: MEAN SEA  
LEVEL**

**PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT**

**COUNTY: JASPER COUNTY, S.C.**

**P/N 2006-1019-1IW**

**APPLICANT: TOLL BROTHERS, INC.**



**HAMPTON POINTE  
WETLANDS MASTER PLAN**

DATE: MARCH 27, 2006

SHEET: 8 OF 22

SCALE: 1"=300'

SOURCE: THOMAS & HUTTON ENGINEERING CO.

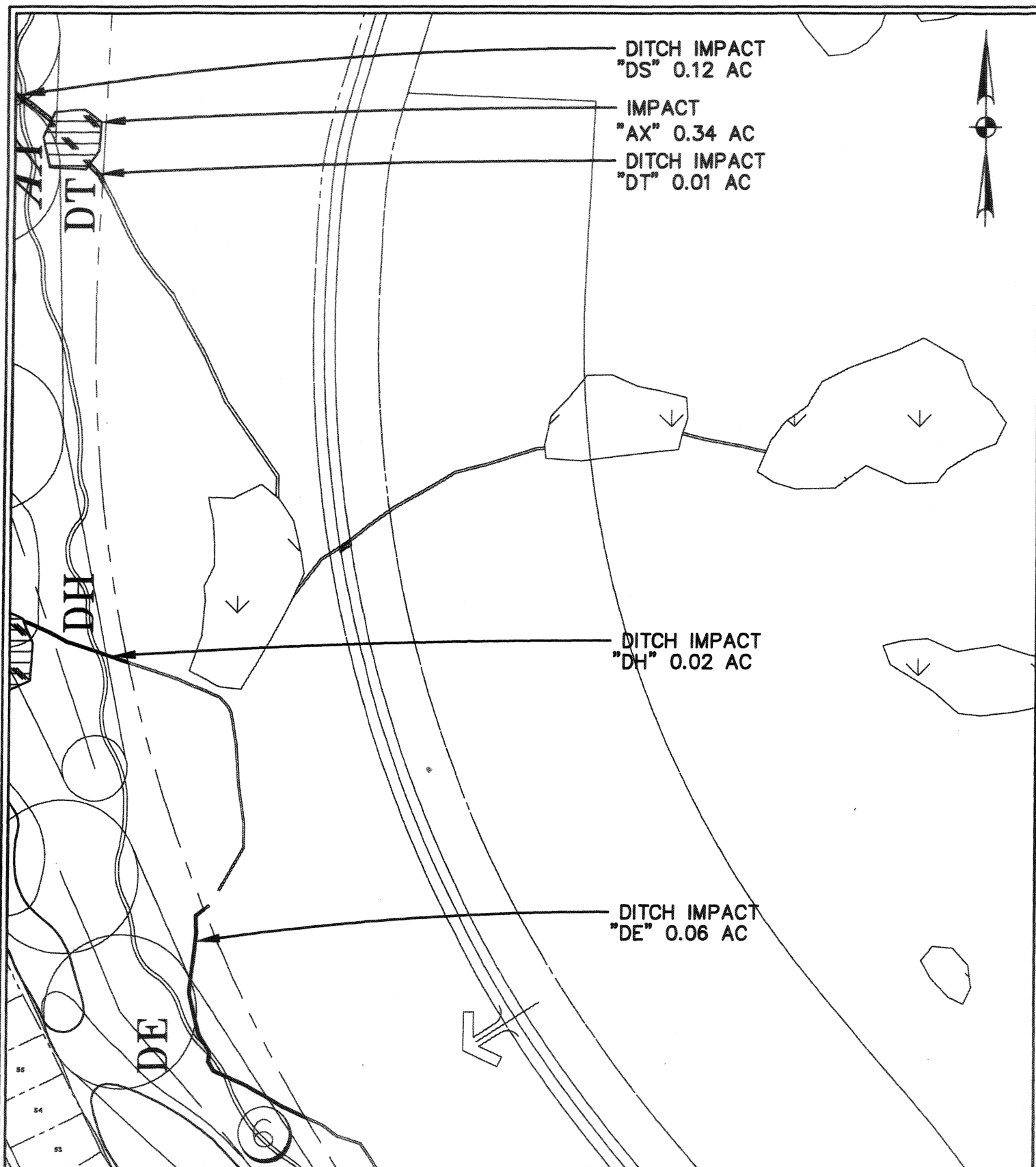
DATUM: MEAN SEA  
LEVEL

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PROPOSED DEVELOPMENT**

COUNTY: JASPER COUNTY, S.C.

P/N 2006-1019-1IW

APPLICANT: TOLL BROTHERS, INC.



**HAMPTON POINTE  
WETLANDS MASTER PLAN**

**DATE: MARCH 27, 2006**

**SHEET: 9 OF 22**

**SCALE: 1"=300'**

**SOURCE: THOMAS & HUTTON ENGINEERING CO.**

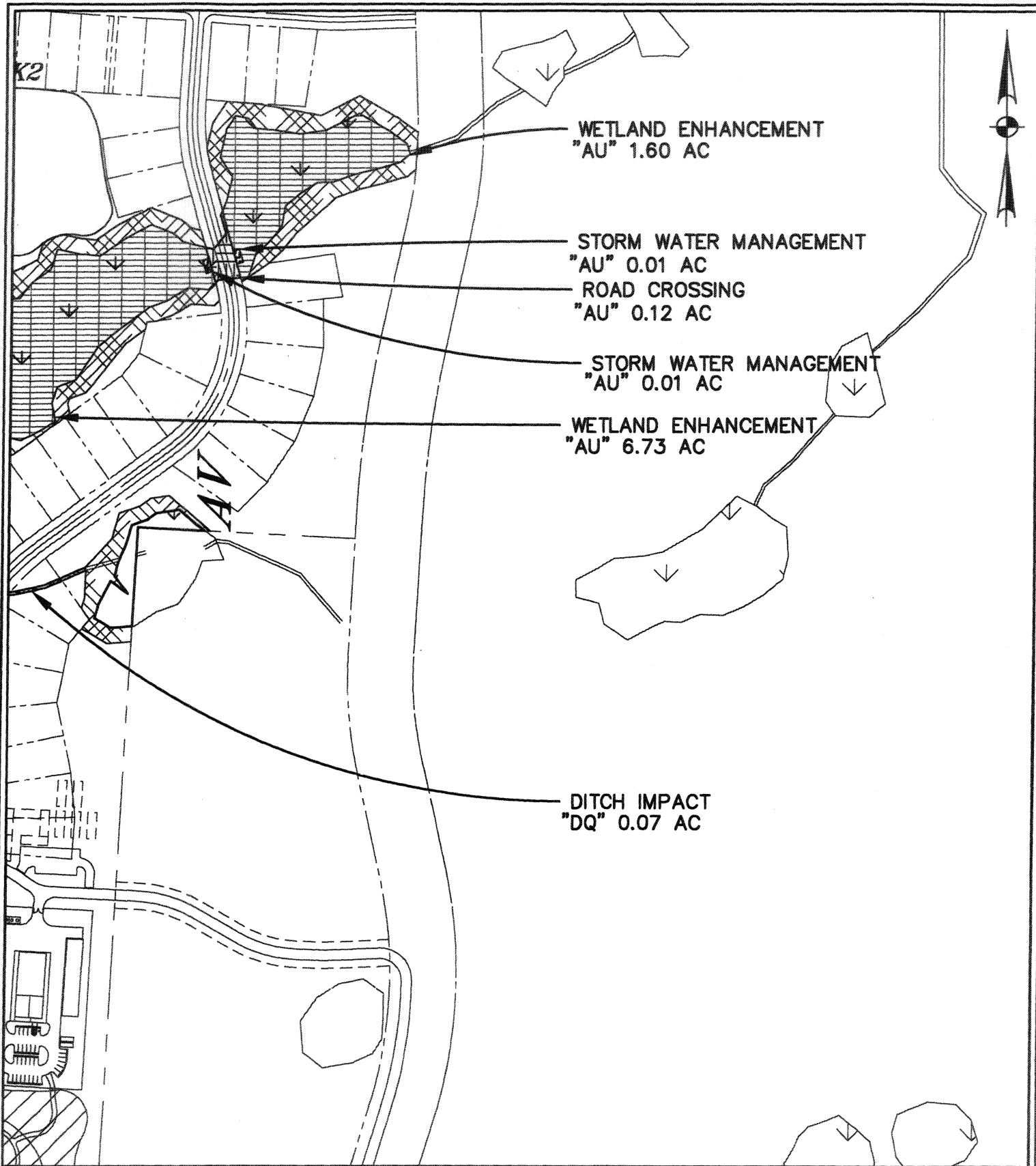
**DATUM: MEAN SEA  
LEVEL**

**PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT**

**COUNTY: JASPER COUNTY, S.C.**

**P/N 2006-1019-1IW**

**APPLICANT: TOLL BROTHERS, INC.**



**HAMPTON POINTE  
WETLANDS MASTER PLAN**

**DATE: MARCH 27I, 2006**

**SHEET: IO OF 22  
SCALE: I"=300'**

**SOURCE: THOMAS & HUTTON ENGINEERING CO.**

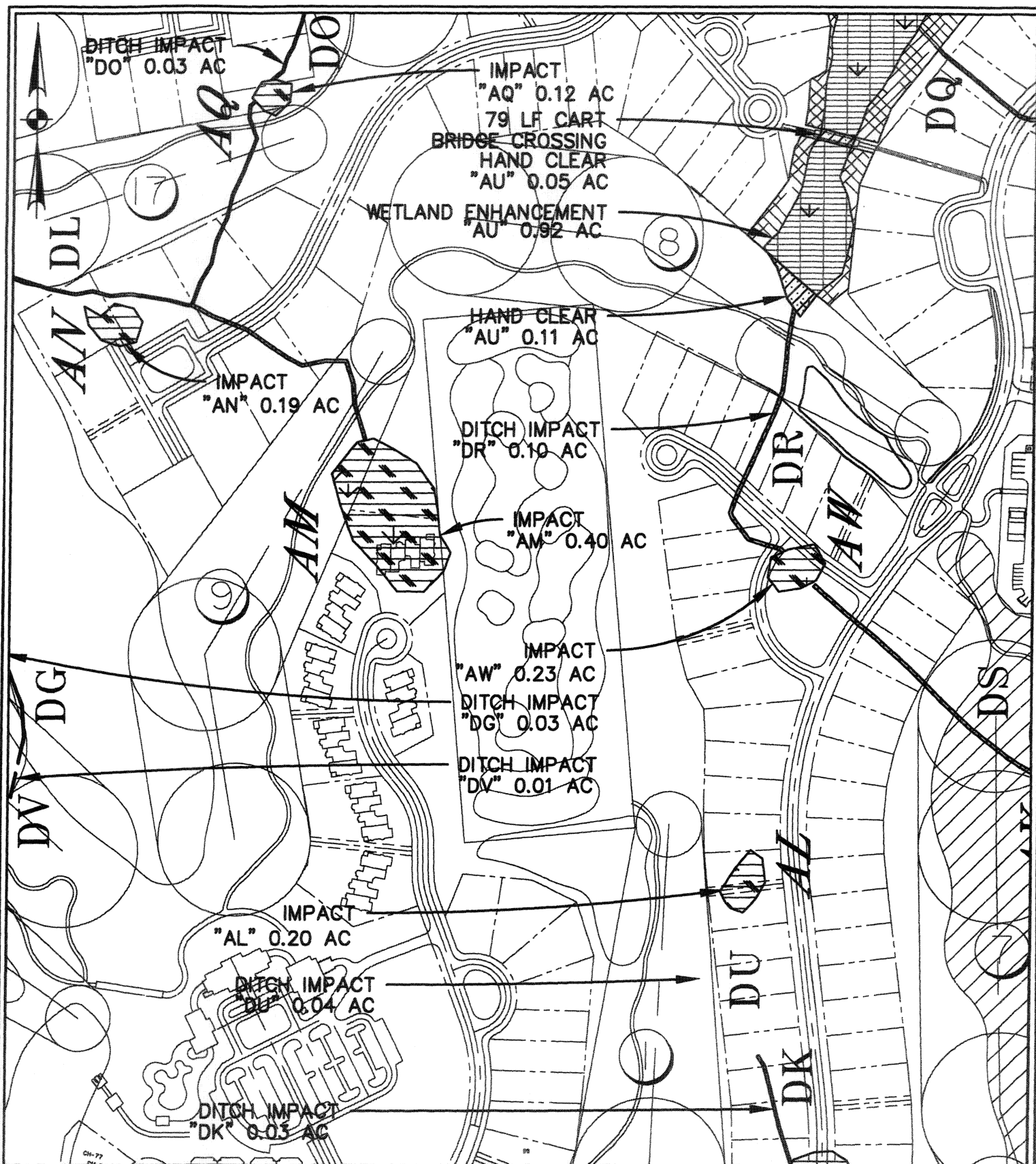
**DATUM: MEAN SEA  
LEVEL**

**PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT**

**COUNTY: JASPER COUNTY, S.C.**

**P/N 2006-1019-1IW**

**APPLICANT: TOLL BROTHERS, INC.**



**HAMPTON POINTE  
WETLANDS MASTER PLAN**

DATE: MARCH 27, 2006

SHEET: II OF 22

SCALE: 1"=300'

SOURCE: THOMAS & HUTTON ENGINEERING CO.

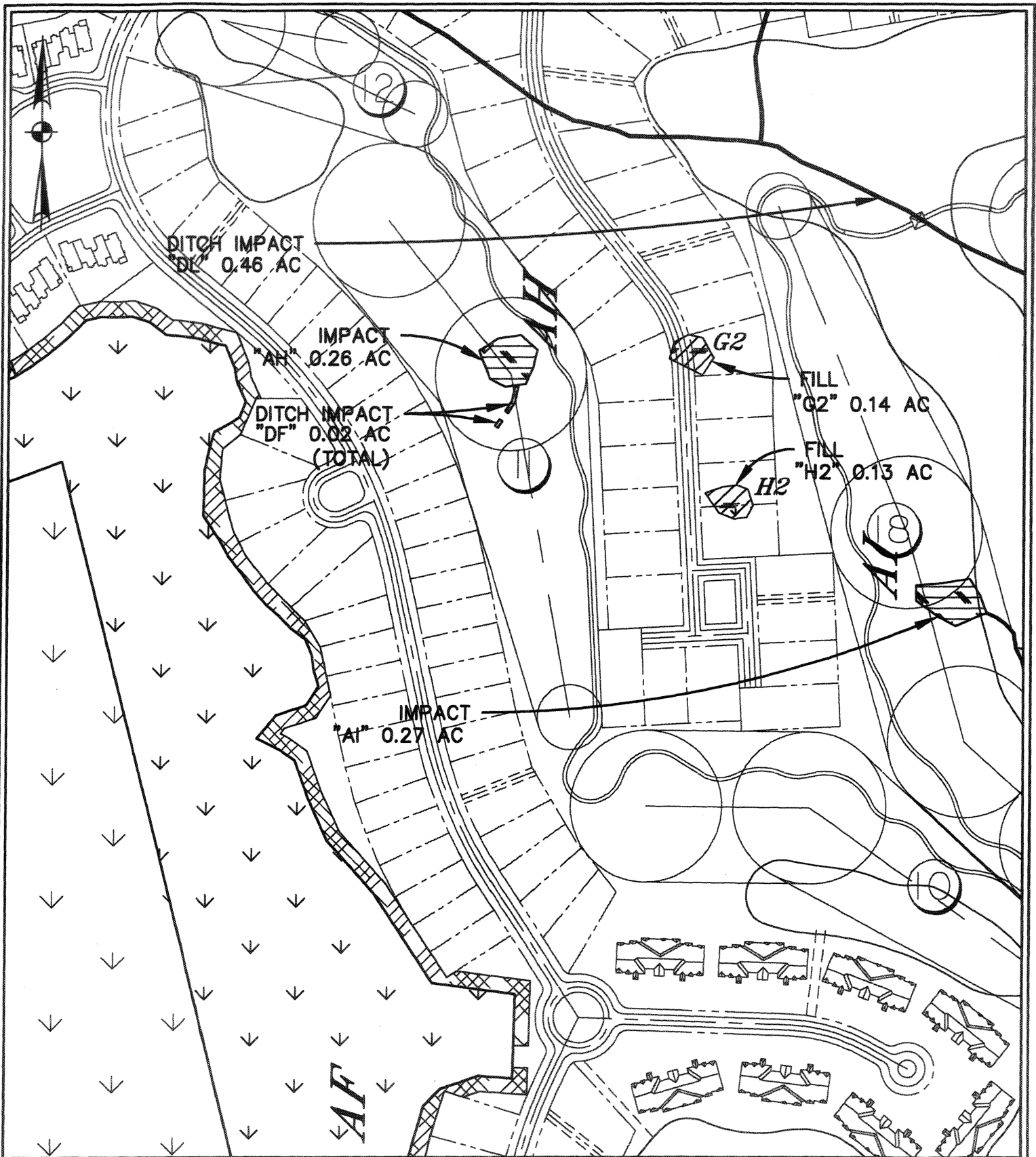
DATUM: MEAN SEA  
LEVEL

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PROPOSED DEVELOPMENT**

COUNTY: JASPER COUNTY, S.C.

P/N 2006-1019-1IW

APPLICANT: TOLL BROTHERS, INC.



**HAMPTON POINTE  
WETLANDS MASTER PLAN**

DATE: MARCH 27, 2006

SHEET: 12 OF 22

SCALE: 1"=300'

SOURCE: THOMAS & HUTTON ENGINEERING CO.

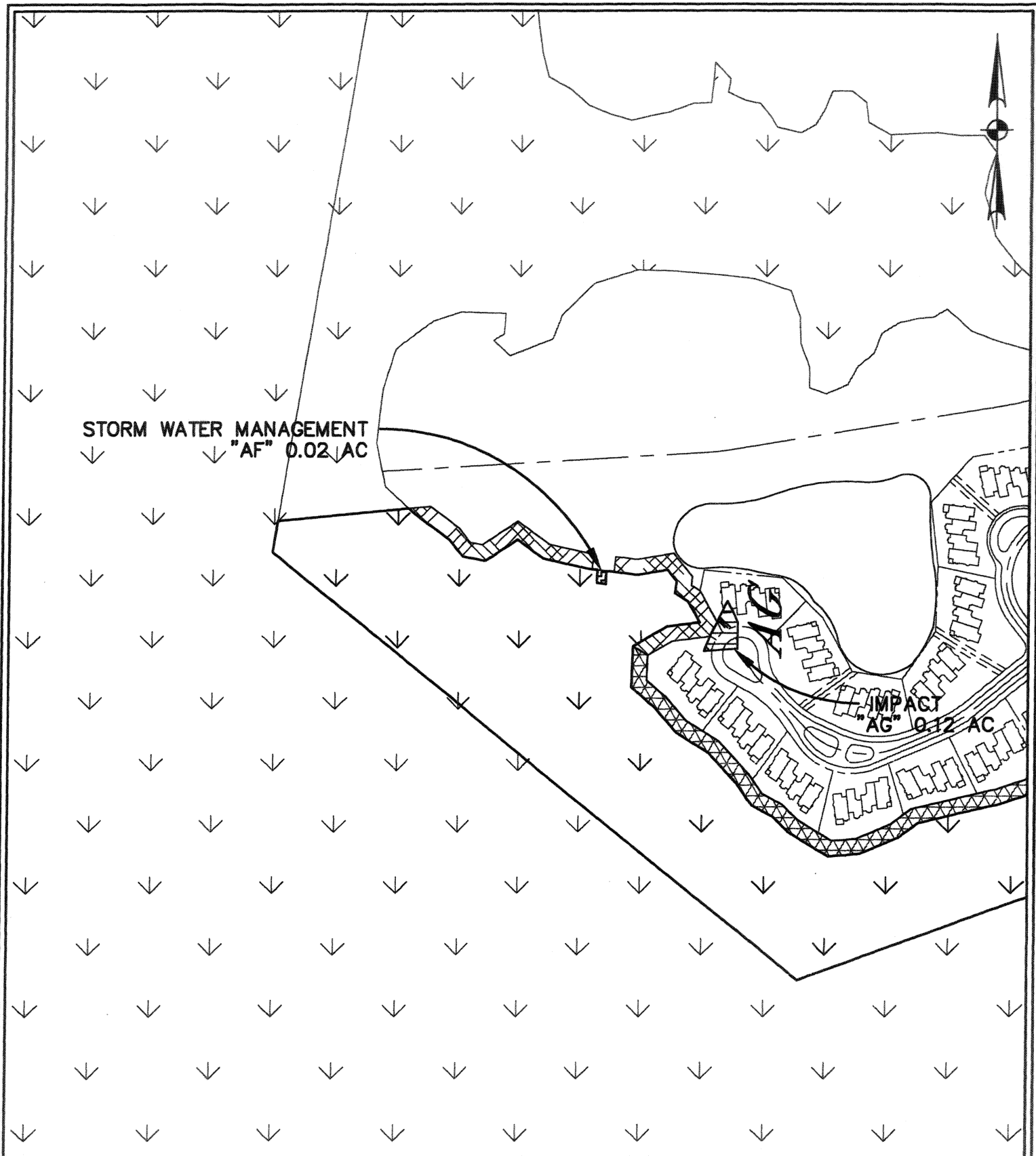
DATUM: MEAN SEA  
LEVEL

**PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT**

COUNTY: JASPER COUNTY, S.C.

P/N 2006-1019-1IW

APPLICANT: TOLL BROTHERS, INC.



**HAMPTON POINTE  
WETLANDS MASTER PLAN**

**DATE: MARCH 27, 2006**

**SHEET: 13 OF 22  
SCALE: 1"=300'**

**SOURCE: THOMAS & HUTTON ENGINEERING CO.**

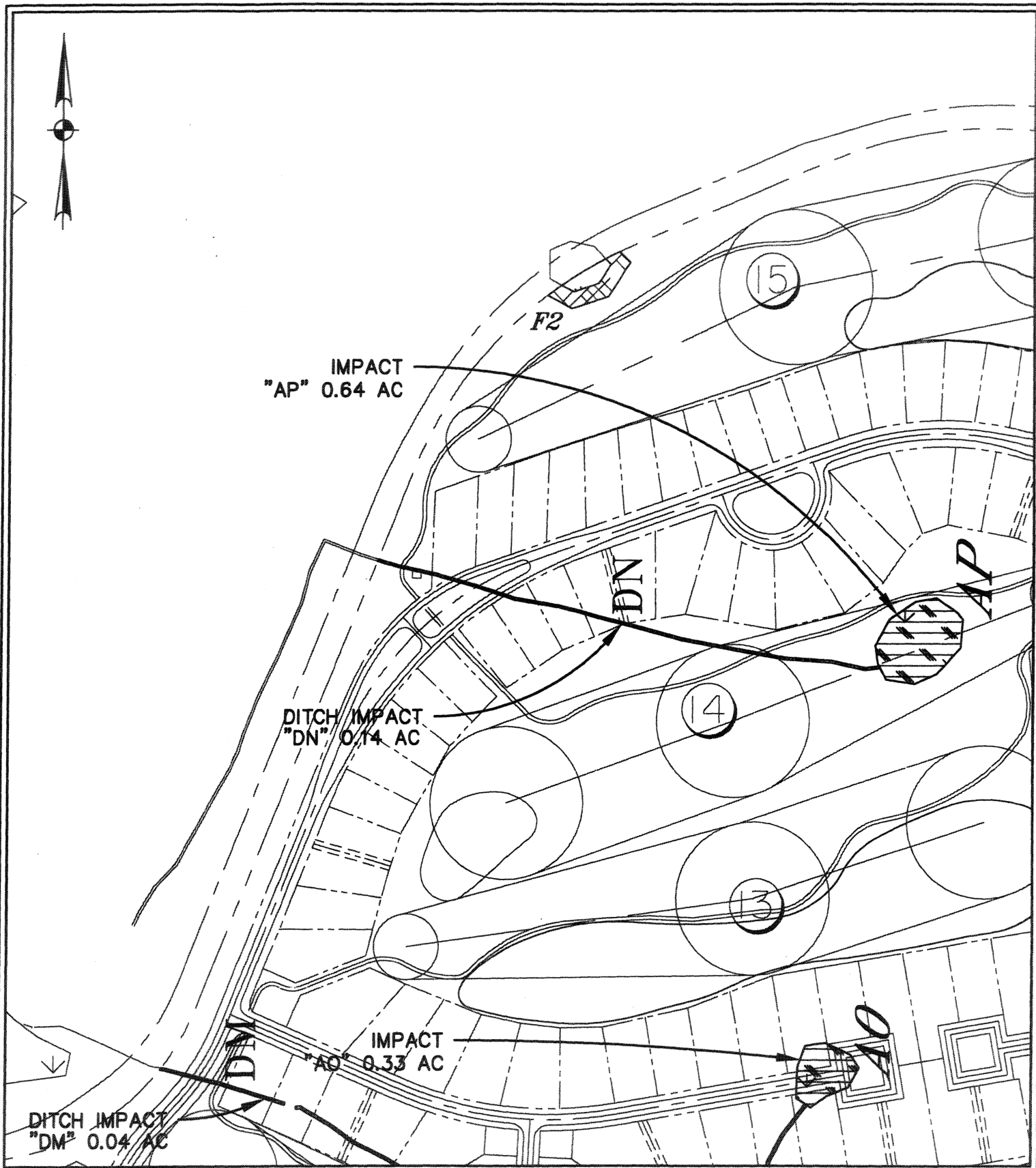
**DATUM: MEAN SEA  
LEVEL**

**PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT**

**COUNTY: JASPER COUNTY, S.C.**

**P/N 2006-1019-1IW**

**APPLICANT: TOLL BROTHERS, INC.**



HAMPTON POINTE  
WETLANDS MASTER PLAN

DATE: MARCH 27, 2006

SHEET: 14 OF 22  
SCALE: 1"=300'

SOURCE: THOMAS & HUTTON ENGINEERING CO.

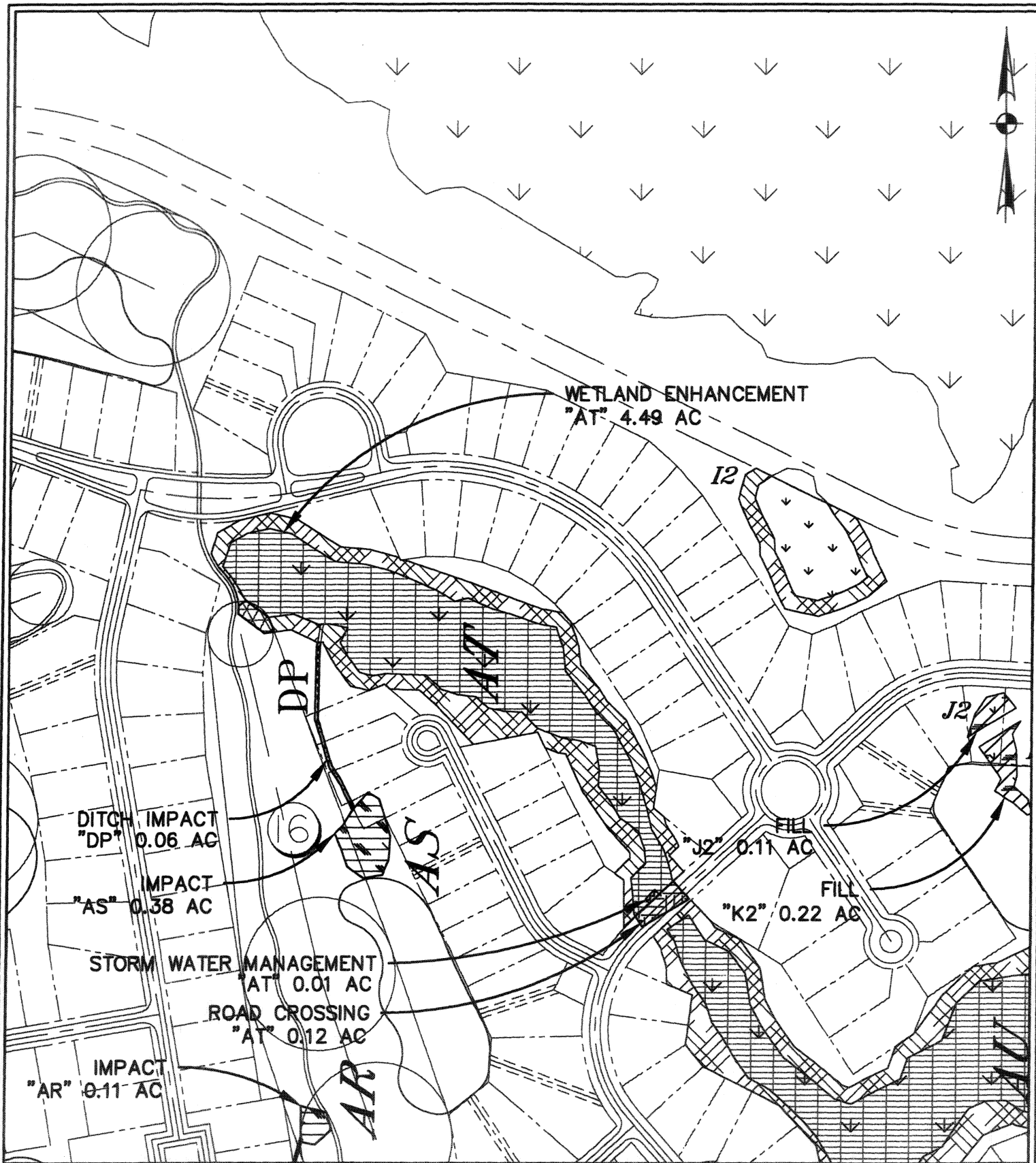
DATUM: MEAN SEA  
LEVEL

PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT

COUNTY: JASPER COUNTY, S.C.

P/N 2006-1019-1IW

APPLICANT: TOLL BROTHERS, INC.



**HAMPTON POINTE  
WETLANDS MASTER PLAN**

**DATE: MARCH 27, 2006**

**SHEET: 15 OF 23**

**SCALE: 1"=300'**

**SOURCE: THOMAS & HUTTON ENGINEERING CO.**

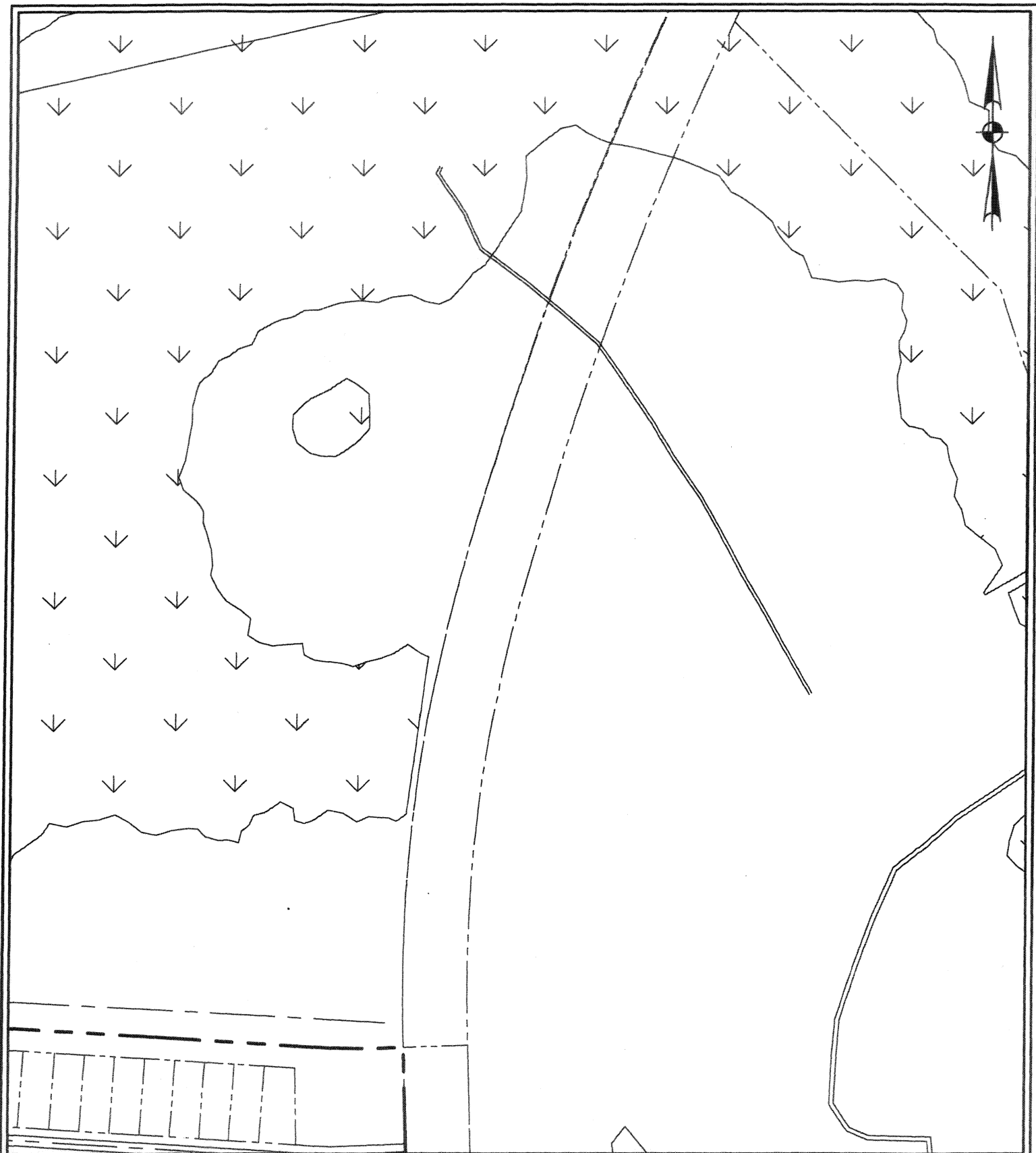
**DATUM: MEAN SEA  
LEVEL**

**PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT**

**COUNTY: JASPER COUNTY, S.C.**

**P/N 2006-1019-1IW**

**APPLICANT: TOLL BROTHERS, INC.**



**HAMPTON POINTE  
WETLANDS MASTER PLAN**

**DATE: MARCH 27, 2006**

**SHEET: 16 OF 22  
SCALE: 1"=300'**

**SOURCE: THOMAS & HUTTON ENGINEERING CO.**

**DATUM: MEAN SEA  
LEVEL**

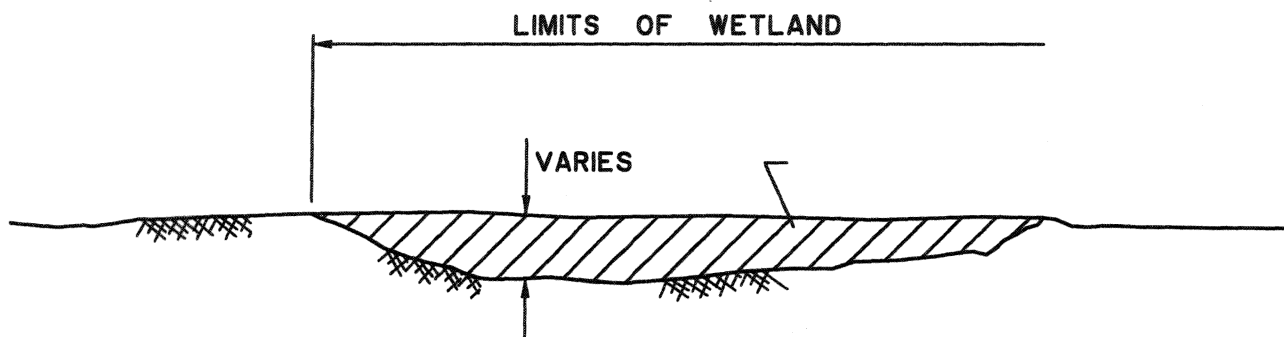
**PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT**

**COUNTY: JASPER COUNTY, S.C.**

**P/N 2006-1019-1IW**

**APPLICANT: TOLL BROTHERS, INC.**

TOTAL CU. YDS. OF IMPACT = 64,469 CY.



WETLAND FILL SECTION

NOT TO SCALE

HAMPTON POINTE  
WETLANDS MASTER PLAN

DATE: MARCH 27, 2006

SHEET: 17 OF 22  
SCALE: N.T.S.

SOURCE: THOMAS & HUTTON ENGINEERING CO.

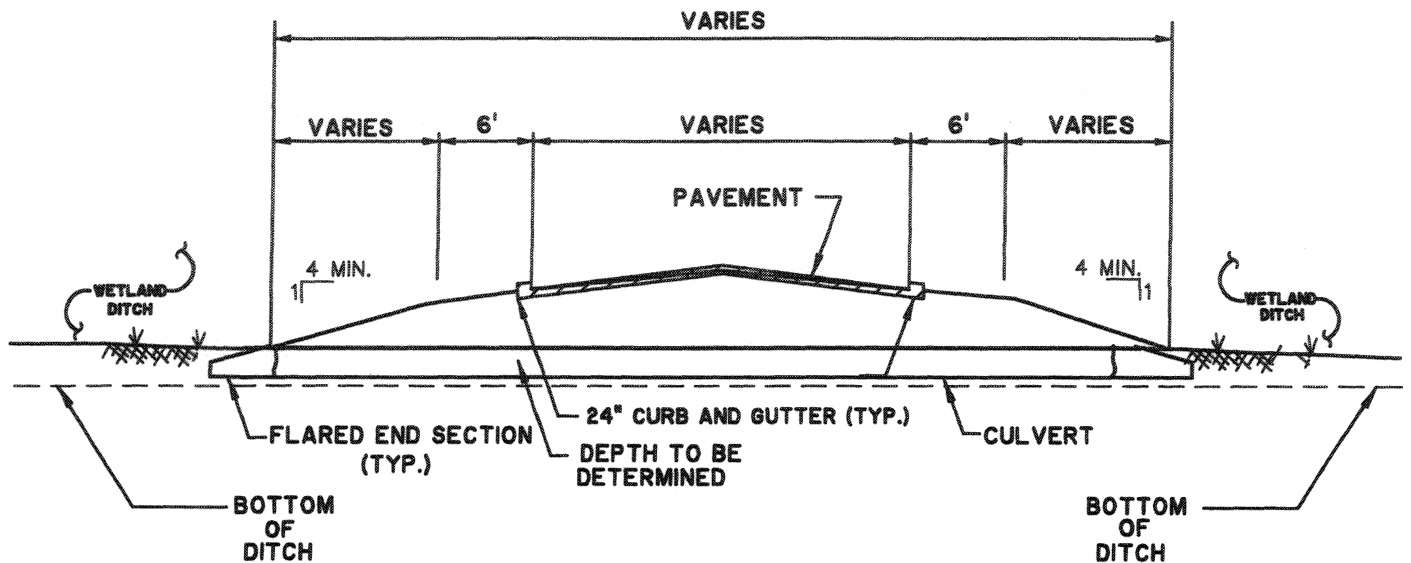
DATUM: MEAN SEA  
LEVEL

PROPOSED ACTIVITY:  
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PROPOSED DEVELOPMENT

COUNTY: JASPER COUNTY, S.C.

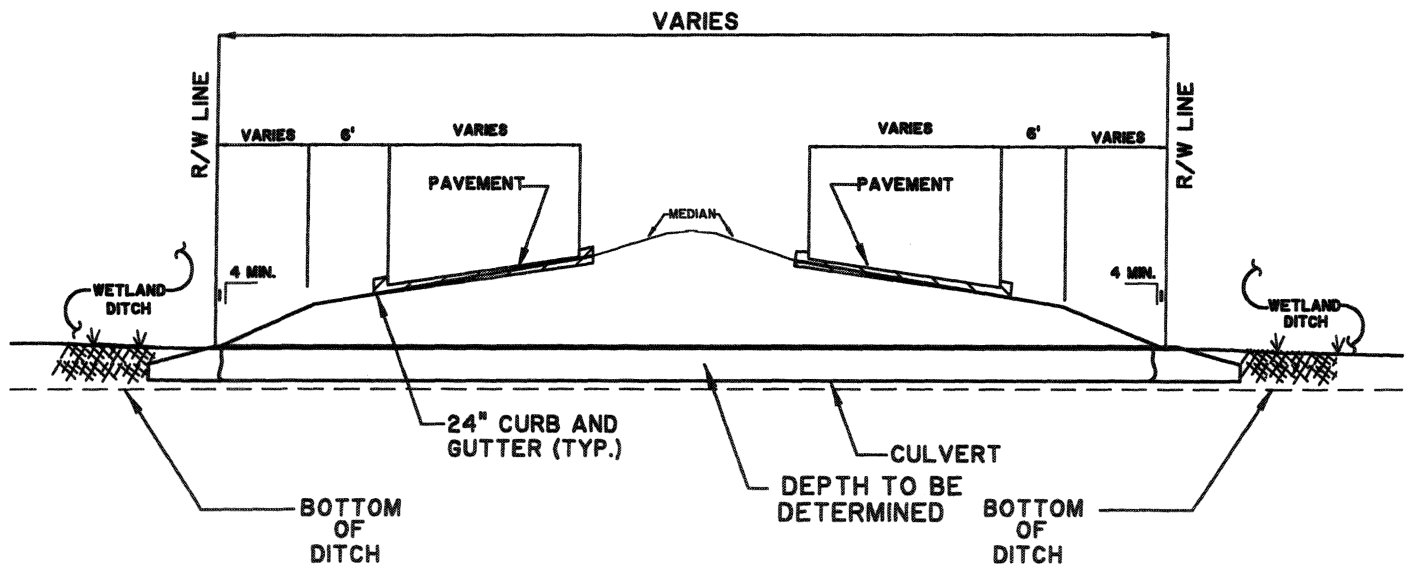
P/N 2006-1019-1IW

APPLICANT: TOLL BROTHERS, INC.



### TYPICAL WETLAND CROSSING W/ PIPE ROAD SECTION

NOT TO SCALE



### TYPICAL WETLAND CROSSING W/ PIPE BOULEVARD SECTION

NOT TO SCALE

HAMPTON POINTE  
WETLANDS MASTER PLAN

DATE: MARCH 27, 2006

SHEET: 18 OF 22  
SCALE: N.T.S.

SOURCE: THOMAS & HUTTON ENGINEERING CO.

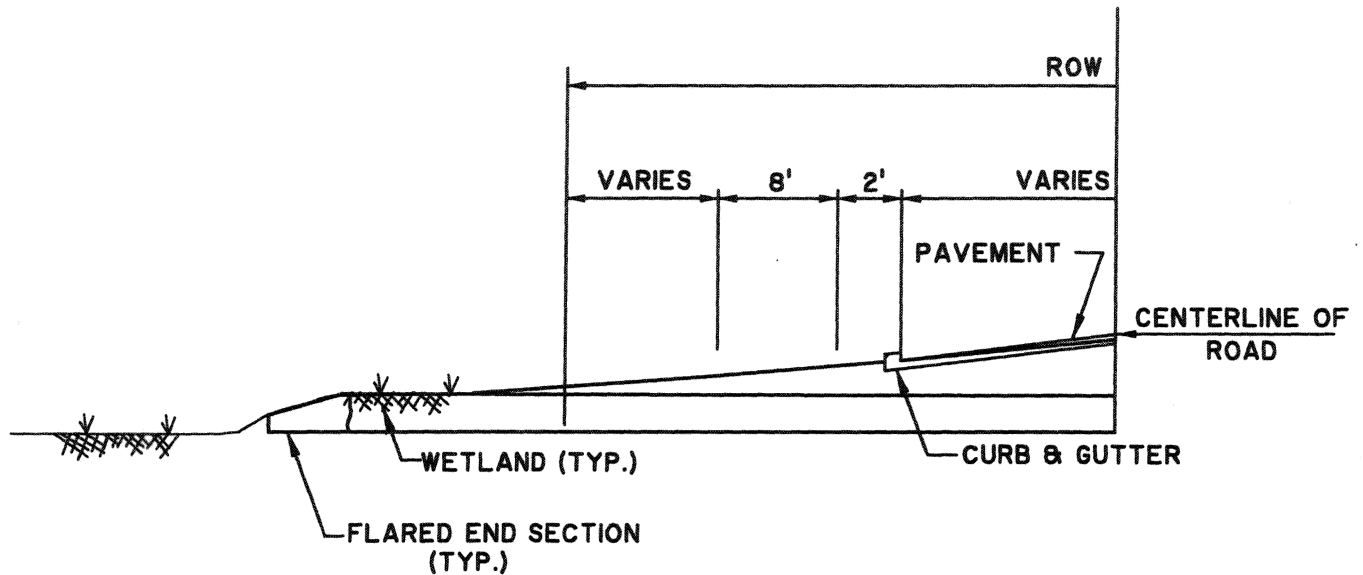
DATUM: MEAN SEA  
LEVEL

PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT

COUNTY: JASPER COUNTY, S.C.

P/N 2006-1019-1IW

APPLICANT: TOLL BROTHERS, INC.



## PIPING TO WETLAND

NOT TO SCALE

HAMPTON POINTE  
WETLANDS MASTER PLAN

DATE: MARCH 27, 2006

SHEET: 19 OF 22

SCALE: N.T.S.

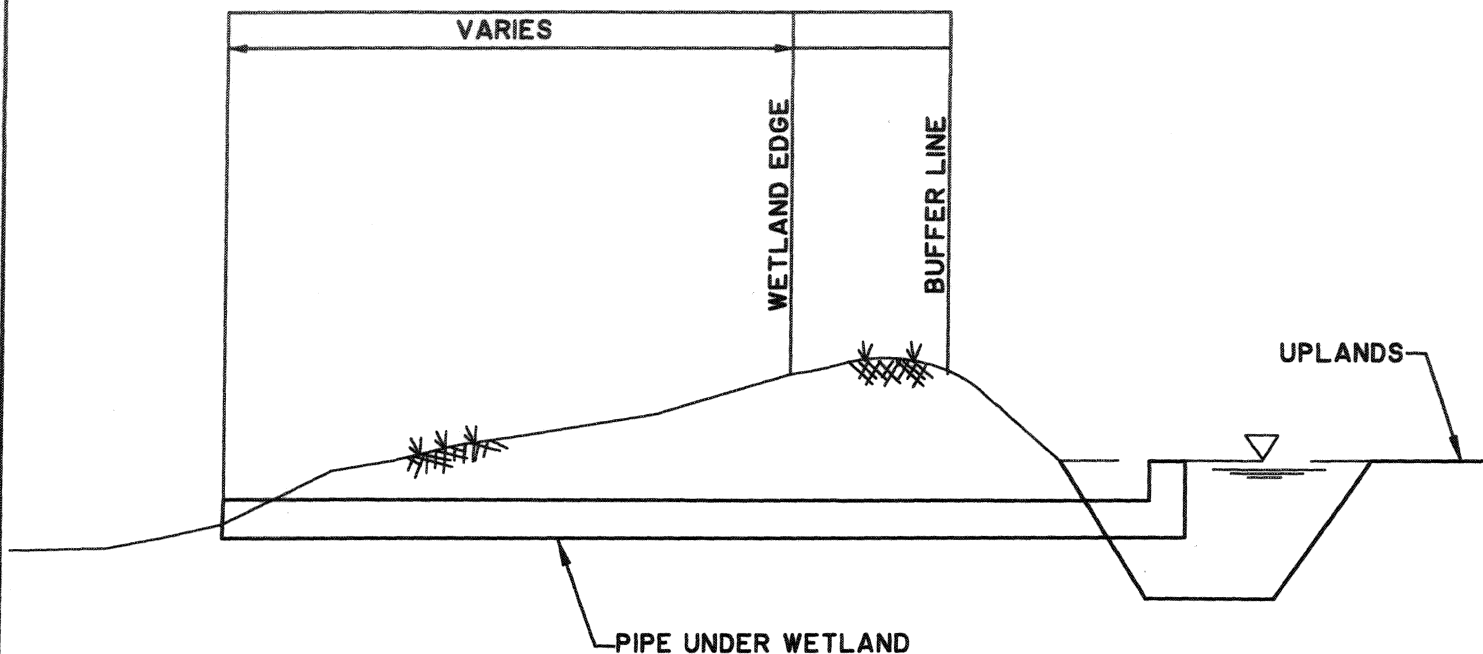
SOURCE: THOMAS & HUTTON ENGINEERING CO.

PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT

COUNTY: JASPER COUNTY, S.C.

P/N 2006-1019-1IW

APPLICANT: TOLL BROTHERS, INC.



## TYPICAL STORMWATER MANAGEMENT IMPACT

NOT TO SCALE

HAMPTON POINTE  
WETLANDS MASTER PLAN

DATE: MARCH 27, 2006

SHEET: 20 OF 22

SCALE: N.T.S.

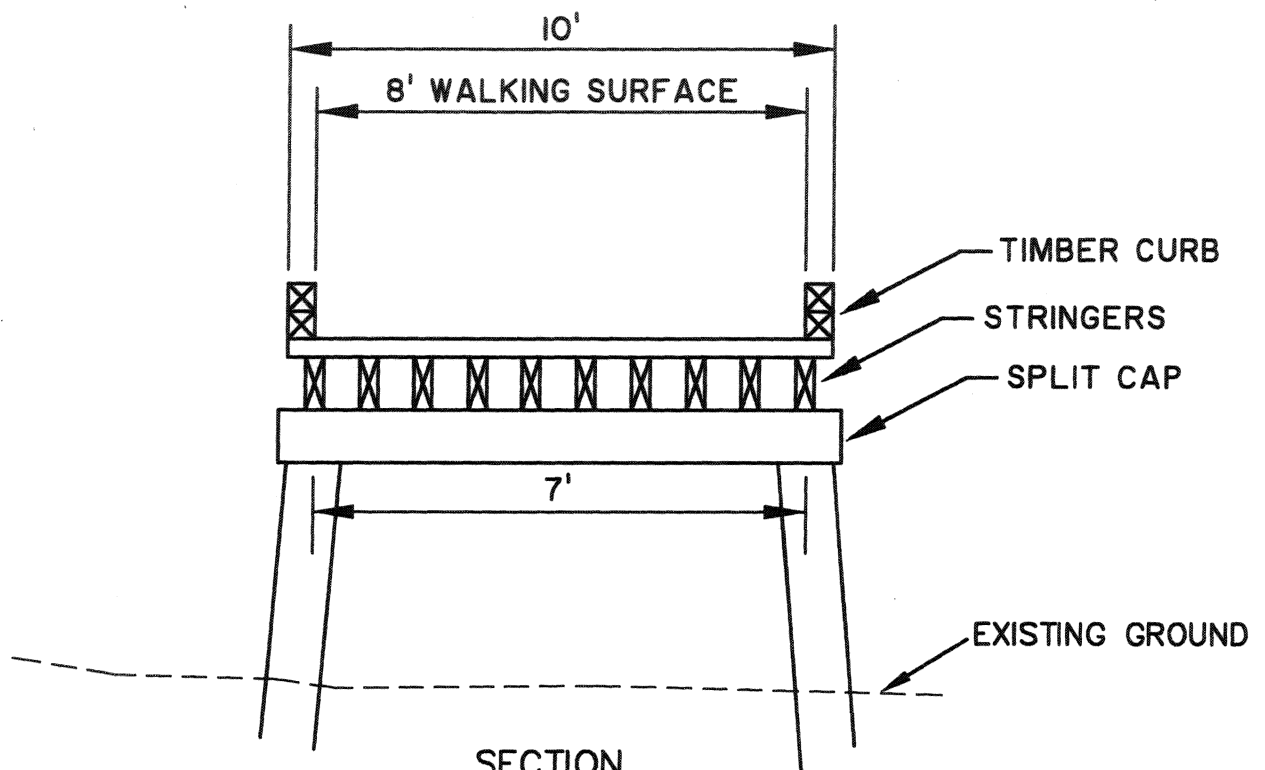
SOURCE: THOMAS & HUTTON ENGINEERING CO.

PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT

COUNTY: JASPER COUNTY, S.C.

P/N 2006-1019-1IW

APPLICANT: TOLL BROTHERS, INC.



SECTION  
CART BRIDGE  
 NOT TO SCALE

HAMPTON POINTE  
 WETLANDS MASTER PLAN

DATE: MARCH 27, 2006

SHEET: 21 OF 22

SCALE: N.T.S.

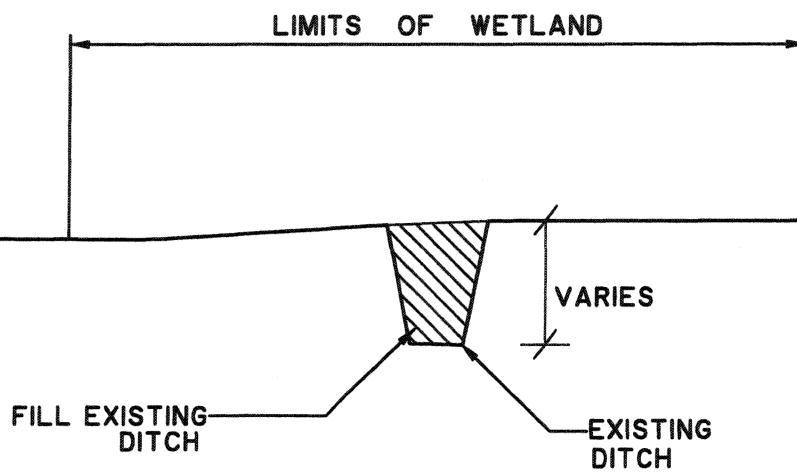
SOURCE: THOMAS & HUTTON ENGINEERING CO.

PROPOSED ACTIVITY:  
 WETLAND MODIFICATION FOR  
 PROPOSED DEVELOPMENT

COUNTY: JASPER COUNTY, S.C.

P/N 2006-1019-1IW

APPLICANT: TOLL BROTHERS, INC.



### DITCH PLUG SECTION

NOT TO SCALE

HAMPTON POINTE  
WETLANDS MASTER PLAN

DATE: MARCH 27, 2006

SHEET: 22 OF 22  
SCALE: N.T.S.

SOURCE: THOMAS & HUTTON ENGINEERING CO.

PROPOSED ACTIVITY:  
WETLAND MODIFICATION FOR  
PROPOSED DEVELOPMENT  
COUNTY: JASPER COUNTY, S.C.

P/N 2006-1019-1IW

APPLICANT: TOLL BROTHERS, INC.

## Hampton Pointe

### ADVERSE IMPACT FACTORS FOR WETLANDS AND OTHER WATERS OF THE U.S. EXCLUDING STREAMS

FACTORS	OPTIONS					
Lost Type	Type C 0.2		Type B 2.0		Type A 3.0	
Priority Category	Tertiary 0.5		Secondary 1.5		Primary 2.0	
Existing Condition	Very Impaired 0.1	Impaired 1.0		Slightly Impaired 2.0		Fully Functional 2.0
Duration	Seasonal 0.1	0 to 1 0.2	1 to 3 0.5	3 to 5 1.0	5 to 10 1.5	Over 10 2.0
Dominant Impact	Shade 0.2	Clear 1.0	Dredge 1.5	Drain 2.0	Impound 2.5	Fill 3.0
Cumulative Impact	$0.05 \times \Sigma AA_i$					

**Note:** For the Cumulative Impact Factor,  $\Sigma AA$  stands for the sum of the acres of adverse impacts to aquatic areas for the overall project. When computing this factor, round to the nearest tenth decimal place using even number rounding. Thus 0.01 and 0.050 are rounded down to give a value of zero while 0.051 and 0.09 are rounded up to give 0.1 as the value for the cumulative impact factor. **The cumulative impact factor for the overall project must be used in each area column on the Required Mitigation Credits Worksheet below.**

### Required Mitigation Credits Sample Worksheet

Factor	Area 1	Area 2	Area 3	Area 4	Area 5	Area 6
Lost Type	2.0	2.0	2.0	3.0	0.2	2.0
Priority Category	0.5	0.5	0.5	0.5	0.5	0.5
Existing Condition	2.0	2.0	2.0	2.0	0.1	2.0
Duration	2.0	2.0	2.0	2.0	2.0	2.0
Dominant Impact	3.0	3.0	1.0	3.0	3.0	3.0
Cumulative Impact	0.5	0.5	0.5	0.5	0.5	0.5
Sum of r Factors	$R_1 = 10$	$R_2 = 10$	$R_3 = 8$	$R_4 = 11$	$R_5 = 6.3$	$R_6 = 10$
Impacted Area	$AA_1 = 0.29$	$AA_2 = 6.23$	$AA_3 = 0.21$	$AA_4 = 0.1$	$AA_5 = 1.69$	$AA_6 = 1.47$
$R \times AA =$	2.9	62.3	1.7	1.1	10.6	14.7

Total Required Credits =  $\Sigma (R \times AA) =$

93.3

- Area 1 – Road Crossings (Jurisdictional Wetland)
- Area 2 – Development Fill (Jurisdictional Wetland)
- Area 3 – Clearing (Jurisdictional Wetland)
- Area 4 – Stormwater Management (Jurisdictional Wetland)
- Area 5 – Development Fill (Jurisdictional Ditch)
- Area 6 – Development Fill (Isolated Wetland)

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**RESTORATION AND ENHANCEMENT MITIGATION FACTORS FOR WETLANDS AND  
OTHER WATERS OF THE U.S. EXCLUDING STREAMS**

FACTORS	OPTIONS				
Net Improvement	Minimal Enhancement-----to-----Excellent Restoration 0.1 4.0				
Control	N.A. 0	Covenant Private 0.1	Covenant POA 0.2	Conservation Easement 0.4	Transfer Fee Title Conservancy 0.6
Temporal Lag	N.A.* 0	Over 20 -0.3	10 to 20 -0.2	5 to 10 -0.1	0.5 0
Credit Schedule	Schedule 5* 0	Schedule 4 0.1	Schedule 3 0.2	Schedule 2 0.3	Schedule 1 0.4
Kind	Category 5 -0.1	Category 4 0	Category 3 0.2	Category 2 0.3	Category 1 0.4
Location	Zone 5 -0.1	Zone 4 0	Zone 3 0.2	Zone 2 0.3	Zone 1 0.4

N.A. = Not Applicable

\*Use this option to calculate credits for enhancement by buffering

**Proposed Restoration or Enhancement Mitigation Sample Worksheet**

Factor	Area 1	Area 2	Area 3	Area 4	Area 5
Net Improvement	2.0	0.1			
Control	0.1	0.1			
Temporal Lag	0.0	0.0			
Credit Schedule	0.0	0.0			
Kind	0.4	0.4			
Location	0.4	0.4			
Sum of m Factors	$M_1 = 3.7$	$M_2 = 1.0$	$M_3 =$	$M_4 =$	$M_5 =$
Mitigation Area	$A_1 = 13.74$	$A_2 = 18.83$	$A_3 =$	$A_4 =$	$A_5 =$
$M \times A =$	50.8	18.8			

**Total Restoration/Enhancement Credits =  $\Sigma (M \times A) =$**

**69.6**

**Area 1 – Hydrology Restoration**

**Area 2 – Upland Buffer**

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**PRESERVATION MITIGATION FACTORS FOR WETLANDS AND OTHER WATERS OF THE  
U.S. EXCLUDING STREAMS**

FACTORS	OPTIONS				
Priority Category	Tertiary 0.1		Secondary 0.2		Primary 0.4
Existing Condition	Impaired -0.1		Slightly Impaired 0		Fully Functional 0.1
Degree of Threat	Low -0.1		Moderate 0.1		High 0.2
Control	Covenant Private 0	Covenant POA 0.1		Conservation Easement 0.4	Transfer Fee Title Conservancy 0.6
Kind	Category 5 -0.1	Category 4 0	Category 3 0.1	Category 2 0.2	Category 1 0.3
Location	Zone 5 -0.1	Zone 4 0	Zone 3 0.1	Zone 2 0.2	Zone 1 0.3

**Proposed Preservation Mitigation Sample Worksheet**

Factor	Area 1	Area 2	Area 3	Area 4	Area 5
Priority Category	0.1				
Existing Condition	0				
Degree of Threat	-0.1				
Control	0				
Kind	0.3				
Location	0.3				
Sum of m Factors	M <sub>1</sub> = 0.6	M <sub>2</sub> =	M <sub>3</sub> =	M <sub>4</sub> =	M <sub>5</sub> =
Mitigation Area	A <sub>1</sub> = 55.14	A <sub>2</sub> =	A <sub>3</sub> =	A <sub>4</sub> =	A <sub>5</sub> =
M x A =	33.1				

**Total Preservation Credits =  $\Sigma$  (MxA) =**

**33.1**

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**WETLANDS AND OTHER WATERS OF U.S. EXCLUDING STREAMS**  
**Mitigation Summary Worksheet for Permit Application # \_\_\_\_\_**

**I. Required Mitigation**

A. Total Required Mitigation Credits =	<b>93.3</b>
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**II. Non-Banking Mitigation Credit Summary**

	<b>Credits</b>	<b>Acres</b>
B. Creation		
C. Restoration and/or Enhancement (Non-Buffer Enhancement)	<b>50.8</b>	<b>13.74</b>
D. Restoration and/or Enhancement (Buffer Enhancement)	<b>18.8</b>	<b>18.83</b>
E. Total No Net Loss Non-Bank Mitigation = B+C+D	<b>69.6</b>	<b>32.57</b>
F. Preservation	<b>33.1</b>	<b>73.97</b>
G. Total Proposed Non-Bank Mitigation = E + F	<b>102.7</b>	<b>106.54</b>

**III. Banking Mitigation Credit Summary**

	<b>Credits</b>	<b>Acres</b>
H. Creation		
I. Restoration and/or Enhancement (Non-Buffer Enhancement)		
J. Restoration and/or Enhancement (Buffer Enhancement)		
K. Total No Net Loss Bank Mitigation = H+I+J		
L. Preservation		
M. Total Proposed Bank Mitigation = K + L		

**IV. Grand Totals**

	<b>Credits</b>	<b>Acres</b>
N. Total Preservation Mitigation = F + L	<b>33.1</b>	<b>73.97</b>
O. Total Non-Preservation Mitigation = E + K	<b>69.6</b>	<b>32.57</b>
P. Total Creation = B + H		
Q. Total Restoration and/or Enhancement (Non-Buffer Enhancement) = C + I	<b>50.8</b>	<b>13.74</b>
R. Total Proposed Mitigation = G + M	<b>102.7</b>	<b>106.54</b>